VAIO® LV HD PC / TV

POWERFUL PC PERFORMANCE

Intel® Core™ 2 Duo E7200 processor (2.53GHz[1]) with 6MB of L2 cache and 4GB of pre-installed system memory.

The VAIO® LV HD PC / TV comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64-bit[6].

Tackle virtually any graphics requirement with a NVIDIA® GeForce® 9300M GS graphics card and 256MB of dedicated video RAM.

Store your digital photos, videos, TV content and important documents on the roomy 640GB[2] (7200rpm) Serial ATA hard disk drive.

BORN FROM SONY® HD TECHNOLOGY

The 24.0"[8] wall mountable display with stunning XBRITE-FullHD™ LCD technology delivers deeper blacks, brighter whites, true-to-life color and razor-sharp detail from almost any angle.

A Blu-ray Disc™ optical drive lets you playback[5] HD Blu-ray Disc movies in crystal-clear resolution.

Never miss a minute of your favorite programming again. Integrated NTSC / ATSC TV tuners let you watch and record live TV including local and over-the-air HD channels[19].

An HDMI™ input lets you connect to compatible cable/satellite set-top-boxes, Sony® PS3™ systems or other HDMI™ enabled devices without powering on the PC (HDMI™ cable sold separately)[19].

CONTEMPORARY YET FUNCTIONAL DESIGN

Five high speed USB 2.0 ports and 1 ultra-fast i.LINK[11] interface are conveniently located on the back and sides for easy access and let you attach virtually all of your peripherals without having to buy additional hardware.

The VAIO® LV HD PC / TV is a TV, PC, DVR and Blu-ray Disc™ player – all-in-one. With a Blu-ray Disc™ optical drive for HD video playback[5] and DVR capable of storing massive amounts of HDTV, this super-powerful PC/TV utilizes an Intel® Core™ 2 Duo E7200 processor and 4GB RAM to deliver an astonishing high-definition home entertainment showpiece.

VGC-LV170J

VAIO® LV Series All-in-One

Specifications

General

Computer Type: All-in-One
Type of Use: Desktop

Hardware

Keyboard: QWERTY, 19.05 mm pitch, 2.7 mm stroke
Action Buttons: Action Buttons on PC - PC On / Off, Display On / Off, HDMI™ Select, Menu, Volume - / +, OK, WLAN / Bluetooth® On / Off, Keyboard / Mouse Connect, Camera Angle Adjust
Camera: Built-in 1.3 MP MOTION EYE® camera and microphone with face-tracking technology

Processor

Type: Intel® Core™ 2 Duo Processor E7200
Speed: 2.53GHz[1]
Front Side Bus Speed: 1066MHz
L2 Cache: 3MB

Memory

Type: DDR2
Installed: 4GB PC2-6400 (2GBx2)
Maximum: 4GB
Speed: 800MHz

Hard Drive

Capacity: 640GB[2] (320GB[2] x 2)
Speed: 7200rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 4x max.
DVD+R Write: 8x max.
DVD+RW Write: 4x max.
DVD-R Write: 8x max.
DVD-RW Write: 4x max.
CD-R Write: 16x max.
CD-RW Write: 10x max.
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 4x max.
BD-R Read: 2x max.
BD-ROM Read: 2x max.
BD-RE Read: 2x max.
BD-R DL Read: 2x max.
DVD-RAM Read: 5x max.
Blu-Ray Disc™ Support: Yes[5] (read only) (BD-ROM/DVD±RW/±R DL/RAM Drive)
BD-RE DL Read: 2x max.

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (Standard/Duo) media slot with MagicGate® functionality
One ExpressCard® /34 slot
One Secure Digital (SD™ memory card) media slot

Audio

Sound System: Intel® High Definition Audio with Dolby® Digital Live
Speakers (Total): Built-in 2 x 5.5 Watt stereo speakers

Display

Screen or Display Technology: WUXGA
Screen Size: 24.0"[8]
Resolution: 1920 x 1200
XBRITE-FullHD™ Technology: Yes

Graphics

Processor: NVIDIA® GeForce® 9300M GS GPU with Total Available Graphics Memory of 2010MB (max.)[12]
Video RAM: 256MB dedicated video RAM
Chipset: Intel® P43 Express Chipset
TV Tuner: Yes - NTSC / ATSC

Inputs and Outputs

Audio In: 1 (Line In)
Microphone Input: 1
RF Connection Input(s): 2
S-Video Input(s): 1
USB Port(s): 5 (2.0 compliant)
IR Output(s): 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[11]
Headphone Output(s): 1
S/PDIF Output(s): 1
Ethernet Connection (s): 1
A/V Inputs: 1
AC Power Input: 1
HDMI™ Input: 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
Ethernet Speed: Fast Ethernet (RJ-45)
Wireless LAN: Atheros 802.11b/g/n Wireless Network Connection[4]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology[16]

Power

Input Voltage: 100-240V

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit[6]
Internet Services: AOL® 90-Day Risk Free Trial - For new users only
Anti-Virus and Recovery Software: Microsoft® Windows Live™ OneCare™ Trial Version[18]
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[15]
The VAIO® Software Experience: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[14].
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[13]. See actual warranty for details.

Environmental Information

RoHS®: Compliant
For more information: www.sony.com/vaioeco

Dimensions

Weight: 35.3 lbs.[9] (CPU and Display only)
Measurements: 25.9"(W) x 18.4"(H) x 6.9"(D)[9,10] (CPU and Display only)

Supplied Accessories

Power Cord
Remote Control (2 batteries) (RM-MCE30U)
Wireless Keyboard (4 batteries) (VGP-WKB9US)
Wireless 4 Button Mouse (2 batteries) (VGP-WMS3)
IR Blaster
8cm Disc Adapter (VGP-VDA1)
F-type RF cable

Color: Silver

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. TB means one trillion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
4. Requires 802.11n compatible access point. Some functionality may require Internet services.
5. Certain circumstances may limit/prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from http://esupport.sony.com/EN/DRIVERS.
6. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
7. Video recording to Blu-ray Disc™ media is done in MPEG2 and AVC formats only.
8. Viewable area measured diagonally.
9. Non-metric weights and measures are approximate and may vary.
10. Measured at the narrowest point
11. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
12. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
13. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
14. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
15. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
16. Interoperability and compatibility among Bluetooth® devices varies.
17. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
18. Microsoft® Windows Live™ OneCare™ Trial Version – This trial software will work for ninety (90) days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 90-day trial period, you must buy a subscription. You can subscribe online by following the conversion instructions presented during setup and paying the required fees.
19. HD cable service required along with third party services which may require a subscription or other service fee.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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